

Tobacco—A Bread and Butter Crop

By G. A. C. Howell, Agricultural & Industrial Agent, A. C. L. R. R. Co.)

We speak of tobacco as a "bread and butter" crop for the reason that it has been estimated that seven cents of every dollar in tobacco dollars are spent in the producing areas to buy feed, automobiles, furniture, clothing, and other necessities. In Virginia and the Carolinas this bread and butter crop has gone away this season, possibly for the need of a little rye and a few things that will be mentioned later on in this article. Last year's season (1923) the states produced something like 1,000,000,000 pounds of tobacco, and the forecast is for only 477,793,000 pounds, a decrease of about 22 per cent.

TIME TO START FIGHTING

It is time to commence to fight the tobacco bug next year. By the time the crop is ready for harvest the interest of a larger percentage of quality tobacco growers has been carried an arm's length from the tobacco stubble by the time it is ready to conserve the tobacco crop. To destroy the tobacco disease and feeding places, and to prevent the tobacco disease from spreading to tobacco plants, it is recommended by the State Department of Agriculture that one of the most effective means of fighting the tobacco disease is to burn the tobacco leaves. This was passed on to the press, a few weeks ago, by the writer of this article.

MALARIA LEAVES A HEAVY MARK

Malaria, unfortunately, does not end with the breaking of chills and reducing of fever. Even after the patient is free from actual illness, the marks on his system are plain to see. Vitality is weak, appetite poor, weight falls off, spirits low. In such conditions Wintersmith's Chill Tonic, a reliable anti-malaria prescription is invaluable. Wintersmith's Chill Tonic builds up and restores what the malarial fever has taken away. It energizes and purifies the blood, aids the appetite, tones up the system, hastens the return of health and strength. Taken as you feel chills and fever coming on, Wintersmith's Chill Tonic gives prompt relief and a long siege of malaria can often be avoided. Its beneficial effects have been proved in thousands of cases over 50 years of continued use. At your drug store. Popular size, 60c; mammoth size, \$1. Made only by the Wintersmith Chemical Co., Inc., Louisville, Ky. Adv.

On a recent trip through a prominent tobacco producing county it was noticeable that the stubble had been left standing in many fields and that apparently nothing had been done to help prepare the land for next year's crop.

In the Business Farmer's Calendar, Sept. 13th, 1924, issue of the Progressive Farmer, the following advice is given relative to sowing rye on next year's tobacco land:

"Most tobacco growers who do not practice an organized rotation are losing land by the washing of the soil. They are also losing money by low yields because of poor soils that are in need of being built up by cover crops.

Next year's tobacco land needs to be sowed to Abruzzi rye this month. If the land is thin, then winter or hairy vetch should be sowed with the rye. It is not rich land that makes tobacco cure into off-grades—it is unbalanced fertility primarily, and failure to give the rich-land crop the right treatment in spacing and topping. There is more money in 1,000 pounds of tobacco at 39 cents from one acre than in 600 pounds per acre at 49 cents a pound. Land that will produce 1,000 pounds of tobacco per acre will produce more corn, wheat, oats, rye, cotton, and other crops than land that makes only 600 pounds per acre.

But it does not necessarily follow that "rich-land tobacco" will bring a lower price than medium or poor-land tobacco. If we change our fertilizer formula to meet the change that takes place in our land when it is being improved in fertility, and also adjust our method of culture to the better land, then we will make more tobacco that need not be of lower quality, and at the same time we are getting the land in shape to produce higher yields of other crops. Because we grow tobacco and find it a profitable money crop is no reason why we should allow our system of farming to be one of soil exhaustion.

Rye and vetch, or even rye and crimson clover, sowed now on well prepared land will serve as a cover crop through the winter, and if plowed down next spring before very heavy growth has been made, will make the land richer, and with proper management will make the tobacco crop more profitable. Unless there is a large quantity of vegetation on the land, disking, thorough disking, will make the necessary seedbed. Sow forty-five to sixty pounds of rye and twenty to thirty pounds of vetch seed per acre. For sandy soils, use 600 pounds of 9-3-3 fertilizer, and 450 pounds of 12-4-0 fertilizer for clay soils. Sow

Hall's Catarrh Medicine will do what we claim for it—rid your system of Catarrh or Deafness caused by Catarrh. Sold by druggists for over 40 years. F. J. CHENEY & CO., Toledo, Ohio

as soon as the land can be made ready."

Preparing The Land Two prominent authorities, F. G. Moss and H. A. McGee, of the North Carolina Tobacco Branch station, have the following to say about land preparation for tobacco:

"The cultivation of tobacco is somewhat similar to that of cotton under boll weevil conditions. The rapid growth and development of the plant must be kept in mind. The preparation of the land should be done immediately or not too long before the plants are to be set. This provides a loose soil in which to plant, and is much more desirable than a compact one. The field should be plowed as easily in the spring as possible—stubble land plowed in the fall or early winter—so that any vegetation that might be on the land will rot. Where rye is to be turned under, it is advisable to do this at last two or three weeks previous to planting, and in all cases before it has made too rank a growth.

The soil should be plowed fairly deep. Getting up a little clay on the lighter soils will not hurt. Follow the plow with section harrow to prevent clods, and disc thoroughly just before putting in fertilizer. The idea, of course, is to get the soil in as fine condition as possible.

It costs around \$150.00 per acre to produce and harvest a crop of tobacco; this is counting all time and labor; so, without this thorough preparation and intensive cultivation, the grower is taking too great a chance for so large an expenditure of time and money.

For most soils in this state tobacco should be planted on a bed. This is necessary in order that good drainage may be had. For the eastern counties, where the water-level is near the surface, it is advisable to bed rather high, and by all means plant on four furrow beds instead of two furrows, as is generally practiced there. Rows should be laid off with a view to carrying all surplus water out of the field. Avoid making ponds of water at any place in the fields. Provide drainage for all low places where the water is likely to collect."

PREPARE STORAGE HOUSE FOR SWEET POTATOES

Raleigh, Sept. 26.—"It will soon be time to harvest the sweet potato crop and preparations should be made in advance to properly care for it. Many of the larger growers now use modern sweet potato storage houses. If this house has been used before it should be thoroughly cleaned before storing the potatoes," says Robert Schmidt, assistant horticulturist for the State College Experiment station.

Directions for doing this are given by Mr. Schmidt as follows: First, disinfect the house by spraying the floors and walls with a solution of formaldehyde—one pint of 40 per cent formalin to 25 gallons of water—or with a solution made by dissolving one pound of copper sulphate (blue stone) in 25 gallons of water. It is advisable to spray a second time about 24 hours later. Then start the fires and dry out the house. All crates or other containers which have been used before should also be thoroughly disinfected. Storage in crates is preferable to storage in bins because it permits of more thorough ventilation and of greater convenience in handling. Ventilated slat barrels can also be used to advantage.

"Order your crates now, get your storage house ready and avoid delay at digging time," says Mr. Schmidt. "Information on curing and storing sweet potatoes may be obtained by writing to the Division of Horticulture, State College Extension Service, Raleigh, N. C."

Citizens of Australia who do not vote at federal elections must pay a ten-dollar fine for their negligence.

Tutt's Pills Enable Dyspeptics to eat whatever they wish. Cause food to assimilate. Nourish the body, give appetite. DEVELOP FLESH

Human hair is being used in London by some women to decorate their coat collars, cuffs, and blouses, according to a dispatch from that city.

NOTICE APPLICATION FOR A PARDON

Notice is hereby given that application will be made to the Governor of North Carolina for the pardon of Erastus Huggins, convicted at February Term, 1923, of the Superior court of Columbus county for the crime of manslaughter of Walter Dudley and sentenced to the state prison for a term of twenty years.

All persons who will protest this pardon are invited to forward their protest to the Governor of North Carolina at Raleigh, N. C., without delay.

This the 24th day of Sept., A. D., 1924. MRS. DAISY HUGGINS. (out oct 16*)

NOTICE MORTGAGE SALE

Under and by virtue of power of sale contained in a certain mortgage deed made and executed on the 13th day of March 1923, by H. L. Todd and wife, I. C. Todd to C. C. Moore to secure the payment of two bonds of even date therewith, for the sum of one hundred dollars (\$100.00) and interest on the same from date at the rate of six per cent per annum, due and payable on the 15th day of Aug. 1923, \$50.00 and on January 1st, 1924, \$50.00 default having been made in the payment of the same the undersigned will offer for sale and sell at public sale to the highest bidder for cash at the court house door in the town of Whiteville, N. C., on

Tuesday, the 21st of Oct., 1924 at 12 o'clock noon, the following described tract of land to wit: Beginning at a stake on the north side of the Mollie and Gum Swamp road and runs thence about south about one hundred and thirteen (113) yards to a stake thence about

west fifty seven (57) yards to a stake, thence about south about one hundred and ninety-five (195) yards to a stake in G. R. Todds' line, thence with said G. R. Todds' line about N. W. to G. R. Todds and G. W. Beck's corner, thence with G. W. Beck's line about north to the public road, thence with said road to the beginning, containing fifteen acres, more or less.

This 20th day of Sept., 1924. C. C. MOORE, Mortgagee. (out oct 23)

NOTICE OF SALE OF LAND UNDER MORTGAGE

By virtue of the power of sale contained in a certain mortgage deed made by J. T. Best and wife to the Bank of Columbus on the 17th day of Feb. 1920, to secure a note of even date therewith due and payable on the 17th day of April, 1920, Default having been made in the payment of said note at its maturity the undersigned will offer for sale and sell for cash to the highest bidder at the court house door in the town of Whiteville at 12 o'clock noon on the

10th Day of October, 1924, the property described in said mortgage, to-wit: A certain tract or parcel of land in township, Columbus county, State of North Carolina, adjoining the lands of J. W. Wilson, L. K. Fuller and others, and bounded as follows, viz:

First tract: Situated in the town of Whiteville and beginning at a stake in the western line of Madison street 100 feet northwardly from where it intersects with the northern line of Williamson street and running thence westwardly parallel with Williamson street 307 feet and six inches to a stake thence northwardly parallel with Madison St. 100 ft to a stake, thence eastwardly parallel with Williamson street 307 and 1-2 feet to the said western line of Madison street and thence Southwardly along the said western line of Madison street 100 feet to the beginning. Second Tract: Lying and being

in the town of Whiteville and beginning at a stake in the eastern edge of College street 100 feet from where it intersects with the northern line of Williamson street and running thence Eastwardly parallel with Williamson street 307 feet and 6 inches to a stake the second corner of Richard M. Lewis lot; thence northwardly parallel with Madison street and with the line of said Richard M. Lewis lot 100 feet to a stake the third corner of said Richard M. Lewis lot; thence Westwardly parallel with Williamson street 307 feet and six inches to the said Eastern line of College street; thence southwardly along the Eastern line of College street one hundred feet to the beginning.

Dated this 9th day of Sept. '24 BANK OF COLUMBUS, Mortgagee. Powell & Lewis, Attorneys. (out oct 9th)

Kryptok Glasses THE INVISIBLE BIFOCALS Affords a comfort which is appreciated by those who want near or far vision in one pair of glasses. They keep your eyes young in looks as well as in usefulness. No line, seam or hump to blur the vision. Eyes examined free. DR. VINEBERG EYE SPECIALIST Masonic Temple, Wilmington, N. C.

Make Your Own Racer! We list during October subject to prior sale: Six second-hand Tourings Only \$50 each Fairly Good Shape Four not quite so good Only \$25 each Come See Us for Bargains LEWIS MOTOR CO. TABOR, NORTH CAROLINA

NORTH CAROLINA STATE FAIR OCTOBER 13TH TO 17TH, 1924 HOME-COMING WEEK Annual Vacation Time A Social Event An Arena of Friendly Competition. A Medium of Exchange for Ideas and Property An Educational Opportunity A Reflection of Agricultural Optimism. An Annual Census of Progressive Agriculture. A Pageant of Progress YOU WILL SEE the best Cattle, Swine, Sheep and Poultry; Products of the Farm and Home; Practical Demonstrations daily by the Boys' and Girls' Clubs and Vocational Schools; A Fine Art Show, including a loan exhibit from New York City, representing some of the best American artists; A Life Size Cow (Statuary) made from butter by a famous sculptor; The Biggest Carnival, two train loads, for Entertainment Row; 20 Distinct Free Acts! twice daily, on Race Track in front of Grandstand; Races every day, with uniform purses of \$500 each; Mammoth Cotton Palace, requiring 10 carloads of cotton to construct; Licensed A. K. C. Dog Show; Fireworks every night; No Dull Moments. Special Reduction in R. R. fare on all Regular and Special trains MEET US IN RALEIGH AT THE N. C. STATE FAIR "It Shows North Carolina"

November 4th—Vote! BUT VOTE FOR W. B. ROBERTS FOR SHERIFF. If I am elected I will be Everybody's Sheriff